



ལྷན་པུན་རྒྱུ་ལུ་འཕེལ་རྒྱུ་ལྷན་ཁུངས་ཉེན་མེད་ཚོད་ལྟ་
 རྒྱལ་ཡོངས་ལྷན་པུན་དང་གནམ་གཤིས་རྒྱུ་ལུ་ལྷན་ཁུངས་

HYDROLOGY & WATER RESOURCES SERVICES DIVISION
 NATIONAL CENTER FOR HYDROLOGY & METEOROLOGY
 THIMPHU: BHUTAN



STATUS OF RIVER LEVEL AND TRENDS: Monday, July 15, 2019 Issued at: 10:00 AM

1. Glacier Lake Outburst Flood (GLOF) and Rainstorm Flood Early Warning System on Chamkharchu sub-basin:

Sl.#	Name of Station	River	Historical Max. Water Level (m)	Danger/Alarm Water Level (m)	Water Level (m) recorded at 09:00 AM Yesterday	Water Level (m) recorded at 09:00 AM Today	Water Level Rise (+)/Fall (-) in (m) during the last 24 hours ending at 09:00 AM Today	Downstream Settlements
1	Tsampa	Chamkharchu		6.50	NR	4.58	#VALUE!	Chokortoe Pry. School, Kurjey village, Wangdicholling, Chamkhar town, Gangrihang Pry. School, Gyelkhar village and downstream settlement under Zhemgang.
2	Khagtang			6.00	NR	5.27	#VALUE!	
3	Kurjey		5.72	5.00	NR	2.72	#VALUE!	

2. Glacier Lake Outburst Flood (GLOF) and Rainstorm Flood Early Warning System on Mangdechhu sub-basin:

Sl.#	Name of Station	River	Historical Max. Water Level (m)	Danger/Alarm Water Level (m)	Water Level (m) recorded at 09:00 AM Yesterday	Water Level (m) recorded at 09:00 AM Today	Water Level Rise (+)/Fall (-) in (m) during the last 24 hours ending at 09:00 AM Today	Downstream Settlement
1	Jongthang	Mangdechhu		7.00	NR	3.30	#VALUE!	Bjizam Community, MHPA Dam, Power House and downstream settlement of Trongsa and Zhemgang
2	Bjizam		5.52	5.50	NR	3.29	#VALUE!	

3. Glacier Lake Outburst Flood (GLOF) Early Warning System on Punatsangchu basin:

Sl.#	Name of Station	River	Historical Max. Water Level (m)	Danger/Alarm Water Level (m)	Water Level (m) recorded at 09:00 AM Yesterday	Water Level (m) recorded at 09:00 AM Today	Water Level Rise (+)/Fall (-) in (m) during the last 24 hours ending at 09:00 AM Today	Downstream Settlements
1	Luggy	Phochu		10.00	6.74	6.70	-0.04	Thanza, Tenchey, Tshojo, Lhedi and Lunana area and downstream of Phochu and Puna-Wangdue Valley.
2	Thorthormi			5.00	5.87	5.85	-0.02	
3	Rapstreng			5.00	6.32	6.30	-0.02	
4	Bay-Tsho			5.00	6.49	6.40	-0.09	Phochu Valley (Tamidamchu, Woolathang, Samingkha, Khawajara, Shengana, Kuruthang), Puna-Wangdue Valley and downstream.
5	Thanza			8.70	NR	NR	#VALUE!	
6	Tarina-Wachey			10.50	7.13	7.10	-0.03	
7	Dangsa			7.00	5.32	4.96	-0.36	
8	Taktsemakhang	Mochu		8.50	6.10	6.03	-0.07	Gasa, Mochu Valley, Puna -Wangdue Valley and downstream.
9	Tashithang			10.50	9.01	8.02	-0.99	
10	Yebesa			7.00	3.10	2.65	-0.45	

4. River Level Status and Trends of Other Basins:

Sl.#	Name of Station	River	Dzongkhag	Water Level (m) recorded at 09:00 AM Yesterday	Water Level (m) recorded at 09:00 AM Today	Water Level Rise (+)/Fall (-) in (m) during the last 24 hours ending at 09:00 AM Today	Downstream Settlements	
1	Dorokha	Amochu	Samtse	3.85	3.85	0.00	Samtse, Phuntsholing and downstream	
2	Doyagang		Chukha	5.81	4.75	-1.06	Phuntsholing and downstream	
3	Dodena	Thim Chu	Thimphu	NR	NR	#VALUE!	Thimphu Valley and downstream	
4	Lungtenphu		Thimphu	1.88	1.64	-0.24	Thimphu Valley and downstream	
5	Bondey	Paro Chu	Paro	2.05	1.65	-0.40	Downstream of Paro valley and Wangchu basin	
6	Damchu	Wang Chu	Chhukha	3.88	3.20	-0.68	Chhukha and downstream	
7	Haachu	Ha Chu	Haa	1.58	1.34	-0.24	Downstream of Haa and Wangchu downstream	
8	Samdingkha	Phochu	Punakha	5.10	4.54	-0.56	Puna-Wangdue Valley	
9	Yebesa	Mochu	Punakha	3.15	2.63	-0.52	#NAME?	
10	Wangdi Bridge	Punatsangchu	Wangduephodrang	4.40	3.75	-0.65	PHPA I, PHPA II and downstream	
11	Wangdi Rapid		Wangduephodrang	5.02	4.25	-0.77	PHPA I, PHPA II and downstream	
12	Turitar Sunkosh		Dagana	4.80	4.30	-0.50	Downstream of Dagana and Lhamoizingkha	
13	Sunkosh Bridge		Dagana	3.90	3.40	-0.50	Downstream of Dagana and Lhamoizingkha	
14	Kerabari		Dagana	7.60	7.06	-0.54	Lhamoizingkha and downstream	
15	Bjizam	Mangdechu	Trongsa	3.78	3.30	-0.48	MHPA dam, Power house and downstream of Trongsa and Zhemgang	
16	Dakpaichhu		Zhemgang		1.77	1.69	-0.08	Downstream of Zhemgang and Panbang
17	Tingtibi				4.92	4.89	-0.03	
18	Kurjey	Chamkharchu	Bumthang	2.92	2.72	-0.20	Chamkhar valley, Zhemgang and downstream	
19	Shingkar		Zhemgang	2.75	2.72	-0.03	Zhemgang and downstream	
20	Sumpa	Kurichu	Lhuentse	5.56	5.30	-0.26	Lhuentse downstream, Kurizampa, KHPA and downstream along the Kurichu	
21	Khoma		Lhuentse	2.55	2.40	-0.15	Lhuentse downstream, Kurizampa, KHPA and downstream along the Kurichu	
22	Autsho		Lhuentse	5.65	5.30	-0.35	Kurizampa, KHPA and downstream along the Kurichu	
23	Kurizampa		Mongar	9.88	9.61	-0.27	KHPA and downstream along the Kurichu	
24	Muktirap	Kholongchu	T/yangtse	3.05	2.97	-0.08	Kholongchu Hydropower Project, Doksum and downstream of Drangmechu	
25	Doksum	Gongrichu	T/yangtse	5.57	5.46	-0.11	Kholongchu Power house and downstream of Drangmechu	
26	Chazam		T/gang	9.90	10.30	0.40	Downstream settlement of Kuri-Gongri and Panbang	
27	Ozorong		T/gang	3.20	3.83	0.63	Downstream of Kuri-Gongri and Panbang	
28	Riju	Gamrichu	T/gang	NR	NR	Station Closed	Chazam, Downstream of Kuri-Gongri and Panbang	
29	Sherichu	Sherichu	Mongar	1.80	2.00	0.20	Downstream of Kuri-Gongri and Panbang	
30	Panbang	Drangmechu	Zhemgang	8.24	8.88	0.64	Manas and Downstream	
31	Pangzam	Neyra Amari	T/gang	7.95	9.50	1.55	Bangtar settlement and downstream	
32	Bangtar		S/Jongkhar	4.42	4.40	-0.02	Downstream of Bangtar settlement	
33	Sherzhong	Aiechhu	Gelephu	6.00	5.40	-0.60	Gelephu Valley and Downstream	

Note 1: Water levels are relative gauge height of the observation site referenced to site specific and does not represent the actual water depth.

Note 2: **ALERT**
ALARM

NR Data Not Reported/ Not Received

ISSUED BY : FMCR,HWRSD,NCHM